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September 20, 2005

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Art Unit 1732

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/786,017; Filed: February 26, 2004

For: Hot Runner Manifold Plug for Rheological Balance in Hot Runner

Injection Molding

Inventors:

BABIN et al.

Our Ref:

2107.1870001

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. First Supplemental Information Disclosure Statement;
- 2. A listing of the cited documents on Form PTO/SB/08A (1 page);
- 3. A copy of cited document BF1; and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents September 20, 2005 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro

Attorney for Applicants Registration No. 44,679

ALF/shr Enclosures

SKGF_444698.1



In re application of:

BABIN et al.

Appl. No.: 10/786,017

Filed: February 26, 2004

For: Hot Runner Manifold Plug for Rheological Balance in Hot Runner

Injection Molding

Confirmation No.: 3536

Art Unit: 1732

Examiner: Colaianni, Michael

Atty. Docket: 2107.1870001

First Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this First Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Information Disclosure Statement filed on September 3, 2004 in connection with the above-captioned application.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may

not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
 Information Disclosure Statement was cited in a communication from a foreign
 patent office in a counterpart application and this communication was not
 received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty
 days prior to the filing of this information disclosure statement.
- Eling under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date

of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

- a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$_____ in payment of the fee under 37 C.F.R. § 1.17(p).
- 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee.

Enclosed find our PTO-2038 Credit Card Payment Form in the amount of

	\$ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:		
	□ a.	Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each	
		item of information contained in this Information Disclosure	
		Statement was first cited in any communication from a foreign	
		patent office in a counterpart foreign application not more than	
		three months prior to the filing of this Information Disclosure	
		Statement. 37 C.F.R. § 1.97(e)(1).	
	b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item	
		of information in this Information Disclosure Statement was cited	
		in a communication from a foreign patent office in a counterpart	
		foreign application and, to my knowledge after making reasonable	
		inquiry, was known to any individual designated in 37 C.F.R. §	
		1.56(c) more than three months prior to the filing of this	
		Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).	
<u></u>	The documen	t(s) was/were cited in a search report by a foreign patent office in a	
	counterpart fo	oreign application. Submission of an English language version of	
	the search rep	ort that indicates the degree of relevance found by the foreign office	
	is provided	in satisfaction of the requirement for a concise explanation of	
	relevance. 113	38 OG 37, 38.	
<u> </u>	A concise exp	planation of the relevance of the non-English language document(s)	
	appears below	v in accordance with 37 C.F.R. § 1.98(a)(3).	

X 7.	A copy of document BF1 is submitted. However, in accordance with 37 C.F.R. §
	1.98(a)(2), no copies of U.S. patents and patent application publications cited on
	the attached IDS Forms are submitted.
□ 8.	Copies of the documents were cited by or submitted to the Office in an IDS that
	complies with 37 C.F.R. § 1.98(a)-(c) in Application No, filed
	, which is relied upon for an earlier filing date under 35 U.S.C.
	§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
<u> </u>	It is expected that the examiner will review the prosecution and cited art in the
	parent application no(s) in accordance with MPEP 2001.06(b), and
	indicate in the next communication from the office that the art cited in the earlier
	prosecution history has been reviewed in connection with the present application.
	It is respectfully requested that the Examiner initial and return a copy of the
enclos	ed IDS Forms, and indicate in the official file wrapper of this patent application
that th	e documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro

Attorney for Applicants Registration No. 44,679

Date:

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SKGF_444499.1

Equivalent of Form PTO/SB/08A (07-05) Approved for use through 07/31/2006.

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Attorney Docket Number

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

Substitute for form 1449/PTO

Sheet

(Use as many sheets as necessary)

	Application Number	10/780,017
	Filing Date	February 26, 2004
	First Named Inventor	Denis BABIN
ļ	Art Unit	1732
	Examiner Name	Colaianni, Michael

2107.1870001

Complete if Known

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (If Known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AN1	4,848,920	07-18-1989	Heathe et al.		
	AO1	5,192,556	03-09-1993	Schmidt		
	AP1	5,421,715	06-06-1995	Hofstetter et al.		
	AQI	6,349,886 B1	02-26-2002	Bouti		
	AR1	2004/0130062 A1	07-08-2004	Sicilia		
	AS1	2004/0265422 A1	12-30-2004	Sabin et al.		
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
		Country Code ³ Number ⁴ Kind Code ³ (if known)			Relevant Passages or Relevant Figures Appear	Te
	BFI	CA 1 165 525	04-17-1984	Gellert		

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SKGF_444452.1

Examiner	Date	
Signature	Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.